12/9/83
A2575-1

American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 63 **For Week Ended** December 2, 1983 **NO.** 48

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 12/02/83	Last Week Ending: 11/25/83	Last Year Week Ending: 12/03/82	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	12,456	12,194	12,018	262	438
Operable capacity	16,309	16,309	16,663	0	-354
Percent operated	76.4	74.8	72.1		
Motor Gasoline					
Total motor gasoline production	6,735	6,788	6,285	-53	450
Finished leaded motor gasoline production	3,012	2,946	N/A	66	N/A
Finished unleaded motor gasoline production	3,723	3,842	N/A	-119	N/A
Total motor gasoline stocks	236,499	231,540	228,925	4,959	7,574
Finished leaded motor gasoline stocks	96,354	93,456	N/A	2,898	N/A
Finished unleaded motor gasoline stocks	99,586	99,385	93,300	201	6,286
Distillate Fuel Oil					
Distillate fuel oil production	2,801	2,781	2,853	20	-52
Distillate fuel oil stocks	165,406	162,224	188,072	3,182	-22,666
Residual Fuel Oil					
Residual fuel oil production	835	691	975	144	-140
Residual fuel oil stocks	52,022	49,060	64,669	2,962	-12,647
Imports					
Crude oil imports	3,422	3,175	3,790	247	-368
Product imports	1,857	1,854	1,462	3	395
Crude Oil Stocks					
Crude oil stocks	348,121	355,290	351,440	-7,169	-3,319

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 289-6949

NA-Not Available

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VOL. 63 For Week Ended December 2, 1983 NO. 48

U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	932	877	888	1,229	72.3
Appal. No. 1	89	83	83	177	46.9
DISTRICT 1 TOTAL	1,021	960	971	1,406	69.1
Appal. No. 2	63	61	63	66	95.5
Ind., Ill., Ky.	2,044*	1,869*	1,890*	2,345	80.6*
Minn., Wis., Daks.	288	279	293	296	99.0
Okla., Kans., Mo.	685	634	655	827	79.2
DISTRICT 2 TOTAL	3,080*	2,843*	2,901*	3,534	82.1*
Inland Texas	596	503	521	585	89.1
Texas Gulf Coast	3,538	3,079	3,167	3,907	81.1
La. Gulf Coast	2,081	2,068	2,075	2,890	71.8
N. La. and Ark.	193	184	191	286	66.8
New Mexico	58	59	59	105	56.2
DISTRICT 3 TOTAL	6,466	5,893	6,013	7,773	77.4
DISTRICT 4 TOTAL	449	442	445	536	83.0
DISTRICT 5 TOTAL	2,181	2,148	2,126	3,060	69.5
TOTAL U.S.	13,197	12,286	12,456	16,309	76.4
TOTAL U.S. Weeks Ended:					
NOV. 25, 1983	12,883*	11,929*	12,194*	16,309	74.8*
DEC. 3, 1982	12,660	11,605	12,018	16,663	72.1
DISTRICTS 1-4 Weeks Ended:					
DEC. 02, 1983	11,016	10,138	10,330	13,249	78.0
NOV. 25, 1983	10,793*	9,879*	10,143*	13,249	76.6*
DEC. 3, 1982	10,512	9,601	9,954	13,580	73.3

* See revisions on page 7.

API WEEKLY STATISTICAL BULLETIN
Week Ended December 2, 1983

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	545	174	371	7	15	245	74
Appal. No. 1	28	10	18	1	--	23	4
DISTRICT 1 TOTAL	573	184	389	8	15	268	78
Appal. No. 2	39	20	19	3	--	15	3
Ind., Ill., Ky.	1,159	505	654	10	110	386	40
Minn., Wis., Daks.	179	79	100	2	13	91	6
Okla., Kans., Mo.	411	226	185	18	9	194	13
DISTRICT 2 TOTAL	1,788	830	958	33	132	686	62
Inland Texas	321	168	153	20	28	116	18
Texas Gulf Coast	1,700	726	974	41	246	733	212
La. Gulf Coast	1,096	512	584	15	276	390	115
N. La. and Ark.	69	18	51	5	--	60	9
New Mexico	14	7	7	15	1	20	1
DISTRICT 3 TOTAL	3,200	1,431	1,769	96	551	1,319	355
DISTRICT 4 TOTAL	201	139	62	11	15	134	11
DISTRICT 5 TOTAL	973	428	545	61	223	394	329
TOTAL U.S.	6,735	3,012	3,723	209	936	2,801	835
TOTAL U.S. Weeks Ended:							
NOV. 25, 1983	6,788	2,946	3,842	248	771	2,781	691
DEC. 3, 1982	6,285	N/A	N/A	178	854	2,853	975
DISTRICTS 1-4 Weeks Ended:							
DEC. 02, 1983	5,762	2,584	3,178	148	713	2,407	506
NOV. 25, 1983	5,742	2,483	3,259	198	578	2,401	410
DEC. 3, 1982	5,274	N/A	N/A	122	652	2,474	659

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.
[2]Includes Grade No. 4 fuel oil.

NA-Not Available

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	5,756	2,530	3,225	1	66	658	13,106	2,165	--
Central Atlantic	29,884*	11,265*	14,369*	4,250	330	5,368	43,634*	20,760*	14,047
Lower Atlantic	28,103	13,808	13,976	319	158	4,395	16,338	3,593	476
DISTRICT 1 TOTAL	63,743*	27,603*	31,570*	4,570	554	10,421	73,078*	26,518*	14,523
DISTRICT 2 TOTAL	68,318*	30,948	30,185*	7,185	1,516	8,330	43,289	3,424	17,615
DISTRICT 3 TOTAL	70,285*	25,110	25,608*	19,567	2,276	11,622	35,085	12,301	49,234*
DISTRICT 4 TOTAL	7,236*	3,391*	1,835*	2,010	381	770	2,912*	447	2,786
DISTRICT 5 TOTAL	26,917	9,302	10,388	7,227	1,492	5,404	11,042	9,332	24,814
TOTAL U.S.	236,499	96,354	99,586	40,559	6,219	36,547	165,406	52,022	108,972
TOTAL U.S.									
Weeks Ended:									
NOV. 25, 1983	231,540*	93,456*	99,385*	38,699	6,383	36,106	162,224*	49,060*	109,508*
DEC. 3, 1982	228,925	N/A	93,300	N/A	6,415	34,803	188,072	64,669	108,720
DISTRICTS 1-4									
Weeks Ended:									
DEC. 02, 1983	209,582	87,052	89,198	33,332	4,727	31,143	154,364	42,690	84,158
NOV. 25, 1983	205,478*	84,836*	88,645*	31,997	4,961	30,821	151,822*	40,455*	85,137*
DEC. 3, 1982	201,837	N/A	83,531	N/A	4,962	29,198	177,105	55,970	84,167

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil

NA-Not Available

* See revisions on page 7.

WEEKLY STATISTICAL BULLETIN
Week Ended December 2, 1983

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy July 1983	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
		Daily Average			
DISTRICTS 1-4 TOTAL					
DEC. 02, 1983	5,826.0	5,787.0	3,286	384	262,699
NOV. 25, 1983	5,826.0	--	3,082*	243	269,910
NOV. 18, 1983	5,826.0	--	2,603	291	271,956
NOV. 11, 1983	5,826.0	--	3,497	320	276,924
DISTRICT 5 TOTAL					
DEC. 02, 1983	2,829.7	2,832.0	136	7	85,422 #
NOV. 25, 1983	2,829.7	--	93	--	85,380
NOV. 18, 1983	2,829.7	--	244	7	82,379
NOV. 11, 1983	2,829.7	--	268	--	83,977
TOTAL U.S.					
DEC. 02, 1983	8,655.7	8,619.0	3,422	391	348,121 #
NOV. 25, 1983	8,655.7	--	3,175*	243	355,290
NOV. 18, 1983	8,655.7	--	2,847	298	354,335
NOV. 11, 1983	8,655.7	--	3,765	320	360,901
DEC. 3, 1982	8,690.3/A	--	3,790	172	351,440

#INCLUDES 30,281 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

/A - DOE actual for November 1982.

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1–4	District 5	Total U.S.
Weeks Ended:							
DEC. 02, 1983	15,836	77,181	156,394	13,288	262,699	85,422 #	348,121 #
NOV. 25, 1983	16,261	77,885	162,854	12,910	269,910	85,380	355,290
DEC. 3, 1982	16,692	76,158	163,762	12,681	269,293	82,147	351,440

[1]See definitional notes, Page 6.

* See revisions on page 7.

API WEEKLY STATISTICAL BULLETIN
Week Ended December 2, 1983

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	L.P.G.	Unfinished Oil[3]	Other	Total
New England	--	--	--	--	--	98	54	--	--	--	152
Central Atlantic	184	95	89	--	30	158	755	10	92	7	1,23c
Lower Atlantic	--	--	--	--	--	--	--	--	--	--	--
DISTRICT 1 TOTAL											
DEC. 02, 1983	184	95	89	--	30	256	809	10	92	7	1,388
NOV. 25, 1983	219	147	72	--	26	245	682	40	32	82	1,326
NOV. 18, 1983	364	198	166	--	31	273	641	33	87	86	1,515
NOV. 11, 1983	245	158	87	--	25	212	680	36	157	60	1,415
DISTRICTS 2-4 TOTAL											
DEC. 02, 1983	10	8	2	--	4	24	66	205	72	18	399
NOV. 25, 1983	47	41	6	--	--	29	90	220	60	9	455
NOV. 18, 1983	8	8	--	--	1	49	40	156	87	25	366
NOV. 11, 1983	7	7	--	--	2	24	60	120	89	20	322
DISTRICT 5 TOTAL											
DEC. 02, 1983	24	13	11	--	3	3	13	10	--	17	70
NOV. 25, 1983	17	5	12	--	4	2	41	6	--	3	73
NOV. 18, 1983	25	15	10	--	2	3	12	19	--	11	72
NOV. 11, 1983	50	41	9	--	3	3	17	7	--	10	90
TOTAL U.S.	218	116	102	--	37	283	888	225	164	42	1,857
TOTAL U.S. Weeks Ended:											
NOV. 25, 1983	283	193	90	--	30	276	813	266	92	94	1,854
NOV. 18, 1983	397	221	176	--	34	325	693	208	174	122	1,953
NOV. 11, 1983	302	206	96	--	30	239	757	163	246	90	1,827
DEC. 3, 1982	186	N/A	94	9	11	95	757	236	43	125	1,462

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Includes Grade No. 4 fuel oil.

[3]See definitional notes, Page 6.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

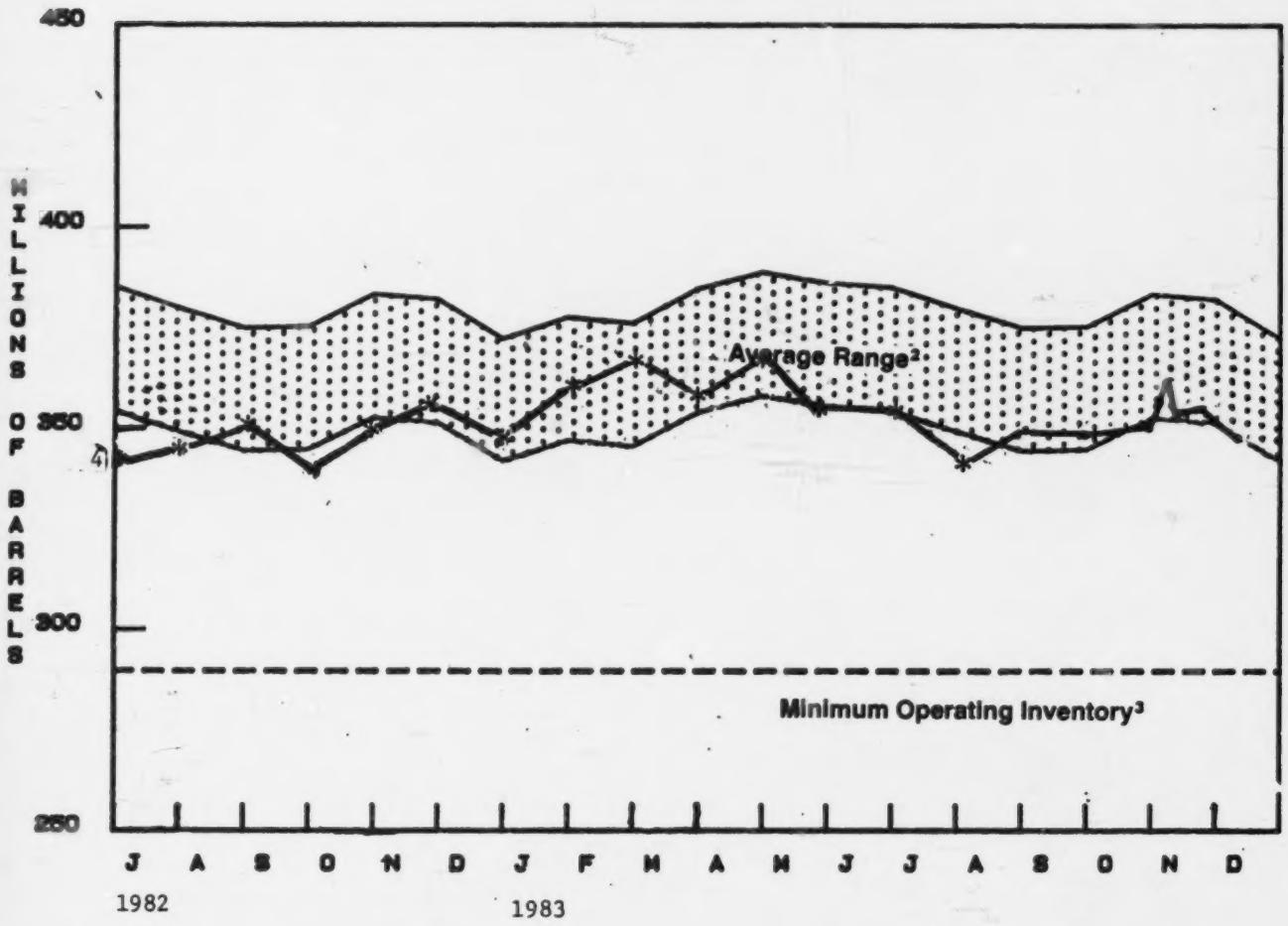
Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

REVISIONS

11/25/83	PAGE 1	TOTAL REFINERY INPUT	IND., ILL., KY	2,064
			DISTRICT 2 TOTAL	3,087
			TOTAL U.S.	12,883
			DISTRICTS 1-4	10,793
		CRUDE OIL RUNS	IND., ILL., KY	1,921
			DISTRICT 2 TOTAL	2,881
			TOTAL U.S.	11,929
			DISTRICTS 1-4	9,879
		INPUT TO CRUDE OIL	IND., ILL., KY	1,954
			DISTRICT 2 TOTAL	2,943
			TOTAL U.S.	12,194
			DISTRICTS 1-4	10,143
		% OPERABLE	IND., ILL., KY	83.3
			DISTRICT 2 TOTAL	83.3
			TOTAL U.S.	74.8
			DISTRICTS 1-4	76.6
	PAGE 3	TOTAL MGAS	CENTRAL ATLANTIC	29,224
			DISTRICT 1 TOTAL	61,950
			DISTRICT 2 TOTAL	67,428
			DISTRICT 3 TOTAL	69,657
			DISTRICT 4 TOTAL	6,443
			TOTAL U.S.	231,540
			DISTRICTS 1-4	205,478
		LEADED MGAS	CENTRAL ATLANTIC	11,059
			DISTRICT 1 TOTAL	27,110
			DISTRICT 4 TOTAL	3,050
			TOTAL U.S.	93,456
			DISTRICTS 1-4	84,836
		UNLEADED MGAS	CENTRAL ATLANTIC	14,298
			DISTRICT 1 TOTAL	30,631
			DISTRICT 2 TOTAL	29,695
			DISTRICT 3 TOTAL	26,600
			DISTRICT 4 TOTAL	1,719
			TOTAL U.S.	99,385
			DISTRICTS 1-4	88,645
		DISTILLATE FUEL	CENTRAL ATLANTIC	42,542
			DISTRICT 1 TOTAL	70,814
			DISTRICT 4 TOTAL	2,849
			TOTAL U.S.	162,224
			DISTRICTS 1-4	151,822
		RESIDUAL FUEL	CENTRAL ATLANTIC	19,507
			DISTRICT 1 TOTAL	24,919
			TOTAL U.S.	49,060
			DISTRICTS 1-4	40,455
		UNFINISHED OILS	DISTRICT 3 TOTAL	49,674
			TOTAL U.S.	109,508
			DISTRICTS 1-4	85,137
	PAGE 4 T	TOTAL CRUDE OIL IMPORTS	DISTRICTS 1-4 TOTAL	3,082
			TOTAL U.S.	3,175

Week Ended DECEMBER 2, 1983

Crude Oil Stocks at Primary Level[1] [5]



[1]Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2]Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

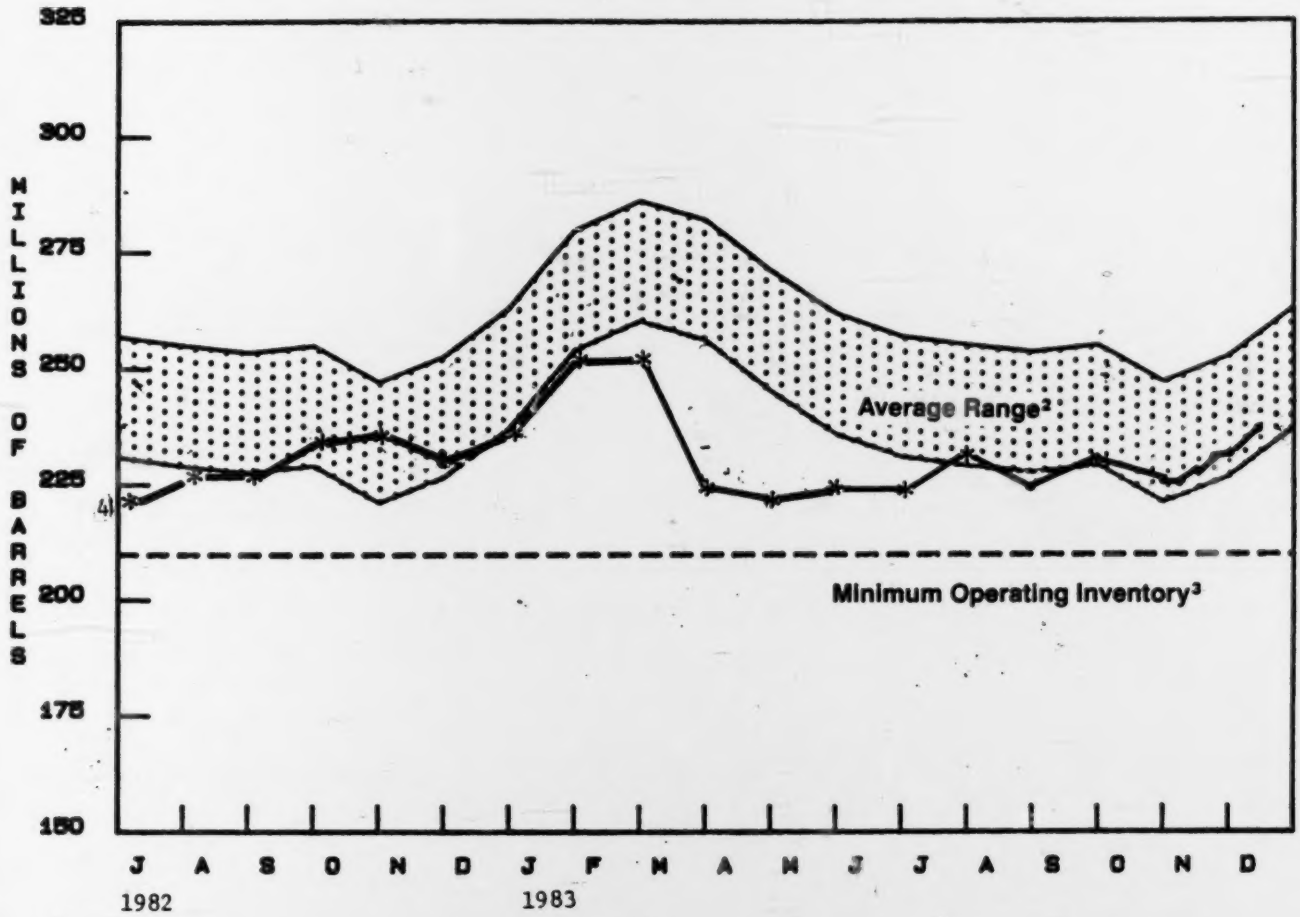
[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended DECEMBER 2, 1983

Motor Gasoline Stocks at Primary Level[1,5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

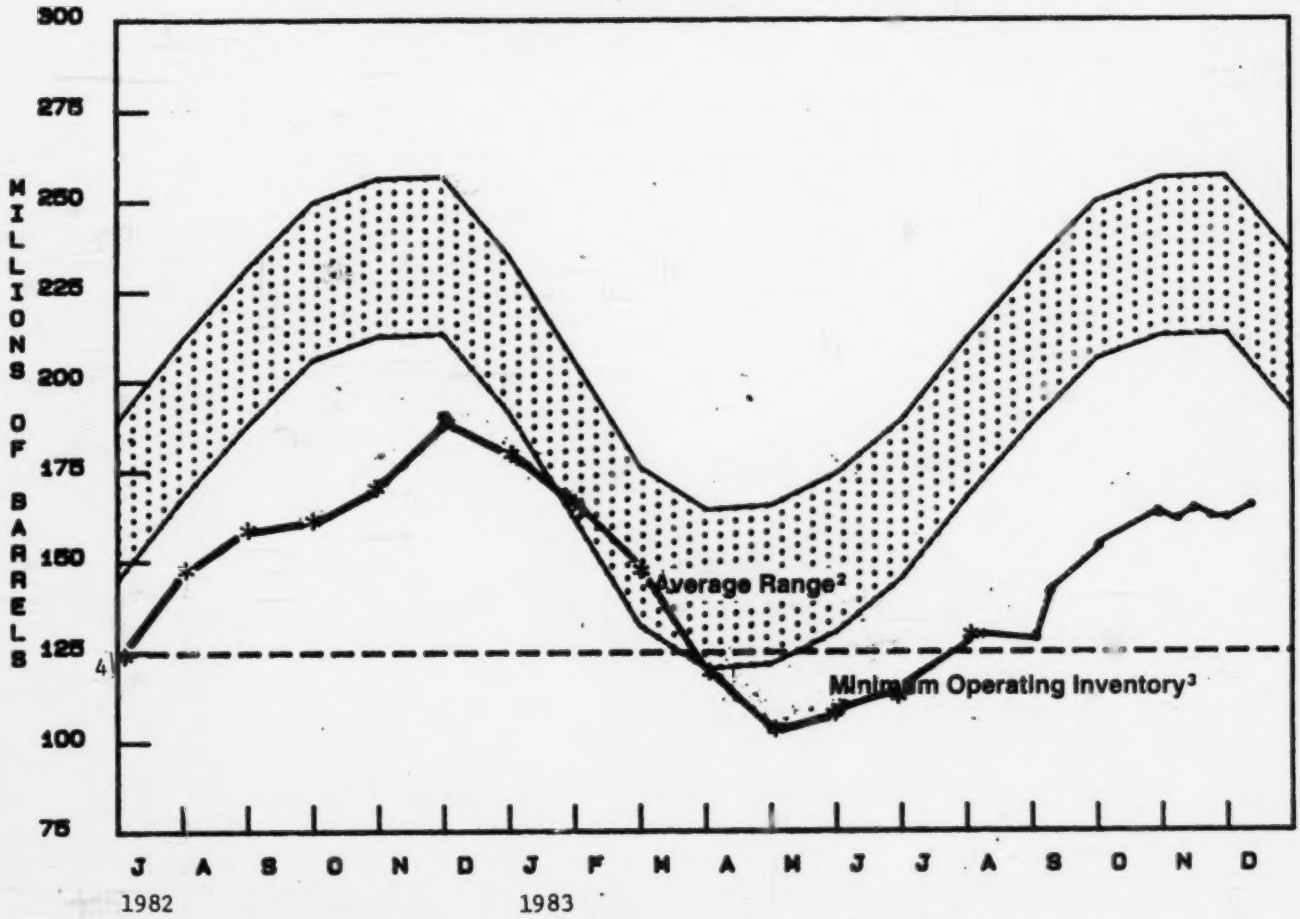
[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended DECEMBER 2, 1983

Distillate Fuel Oil Stocks at Primary Level[1] [5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

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[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
●— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.